



CRG & STEM

China Research Gateway (CRG) represents a transformative level of access to STEM research materials. Historically, North American libraries have acquired less STEM content from China than they have social science and humanities content. CRG represents an opportunity to close that gap, allowing North American researchers to make full use of China's rapid STEM research development. Without access to China's voluminous STEM publications, North American researchers are at an information disadvantage. While North American STEM researchers generally lack access to any Chinese research, Chinese researchers make use of the full breadth of North American research.



Strengths in CRG

Particular highlights in the CRG package include the STEM series of China Academic Journals, China Conference Proceedings, and China Patents. While China Academic Journals contains comprehensive journal publications, both China Conference Proceedings and China Patents allow STEM researchers to track the most recent developments in their fields, **including those developments that have not made it to publication.**

Transformative Support for STEM Researchers

One reason for the delayed uptake of Chinese STEM content in the North American market is **language accessibility**. Until now, researchers who cannot read Chinese could not make full use of Chinese research. CRG has fundamentally changed the user experience of accessing Chinese research.

Users access a single URL to the CRG portal. The portal contains links to CRG's constituent databases, English information on each database, including **English-language user guides**, fact sheets, and title lists. Through the portal, researchers can easily contact East View for support or make use of **video tutorials**. In the CRG portal, the database pages clearly note what user interface languages are available. The majority of the databases in CRG have English user interfaces. **In addition to Academic Reference, which is entirely in English, including full text, there are numerous databases that have English abstract and indexing information.** Nothing in these databases prevents researchers from copy and pasting full text articles into a machine translation software.



CRG Coverage of Hot Topics in STEM

Biotechnology findings have the capacity to shape our future through genetic modification, storage of biological data, predictive diagnostics, and synthetic biological inventions. As China's biotechnology industry develops at a breakneck pace, it is vital that researchers track Chinese research. For up-to-date breakthroughs in biotechnology from the private sector, researchers can make use of China Patents' (SCPD) over 32 million Chinese patents and over 74 million international patents.

Engineers, policy makers, and people in every region of the world will be better prepared for the 21st century if they understand **flood dynamics**. Many of the world's most important experiments and lessons in flood control have come from China. China Academic Journals, China Core Newspapers, and China Master's Theses and China Doctoral Dissertations provide extensive research findings into flood control in China.

In 2014 China surpassed the US in **artificial intelligence** (AI) research volume. Between 1983 and 2016, authors published around 52,000 AI-related articles on CRG's databases. Between 2016 and 2021, they published over 159,000 AI-related articles. Information from CRG is vital to tracking China's AI development and integral to researchers interested in global scientific development.

Specialty STEM Databases

■ CDMD-CDFD China Doctoral Dissertations

The most comprehensive database of dissertations from top Chinese universities and research institutes

■ CDMD-CMFD China Master's Theses

The most comprehensive database of theses from top Chinese universities and research institutes

■ CPCD-CPFD China Conference Proceedings

The most comprehensive full-text database of proceedings from national conferences in China

■ CPCD-IFPD International Conference Proceedings

Comprehensive collection of international conference proceedings on a wide variety of topics

■ SCPD China Patents

The most complete and accurate patent database of images and texts, and the only database associated with technology research and technological output in China

■ CCND China Core Newspapers

Daily content from hundreds of Chinese newspapers

■ AR Academic Reference

A one-stop search and discovery platform of China's academic development, current research hotspots, and social culture for overseas colleges, universities, research institutions, and enterprises

Visit eastview.com/crg to view the full list of CRG databaes



China Research Gateway (CRG) presents the full spectrum of Chinese research, with exhaustive representation of STEM, social science, and humanities disciplines. Featuring an unparalleled breadth of sources, including scholarly journals, monographs, statistical publications, government documents, newspapers, dissertations, conference proceedings, patents, and many other content types, CRG offers a centralized means for discovery and access to this rich trove of research, specifically tailored to serve the needs of North American scholars and institutions.